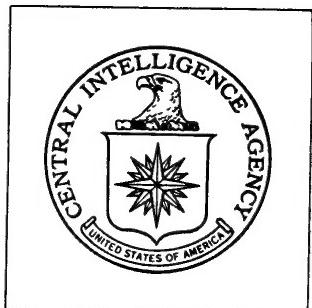


Top Secret



DIRECTORATE OF
INTELLIGENCE

**General Purpose Weapons
Industrial Facilities**

Basic Imagery Interpretation Report

Hsi-an Aircraft Engine Plant 430

Hsi-an, China



25X1



25X1

Top Secret

RCS 11/0005/69
25X1
DATE NOVEMBER 1968
COPY 5 PAGES 99

Page Denied

TITLE NPIC

SEC. CLASS. LOCATION

Nov. 1968 TS/T/K

710123

25X1

TOP SECRET

25X1

IMAGERY ANALYSIS SERVICE

RCS 11/0005/69

INSTALLATION OR ACTIVITY NAME		COUNTRY	
Hsi-an Aircraft Engine Plant 430		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	COMIREX NO.	WAC/P 25X1
N/A	34-22-48N 108-58-20E	N/A	0384-3B
MAP REFERENCE			
DIA. ACIC USATC 200 Sheet MO384-15HL, 3rd ed, July 64, Scale 1:200,000 (SECRET) 25X1			
LATEST IMAGERY USED		NEGATION DATE (If required)	
		N/A 25X1	

ABSTRACT

Hsi-an Aircraft Engine Plant 430 was first observed on overhead photography in March 1959, at which time it was in the mid-stages of construction and contained approximately 1.1 million square feet of floor space. By June 1963 an additional 800,000 square feet of floor space had been added, and the plant was basically complete. The production of this plant cannot be determined on the limited coverage available.

NOTE: This report has been published as an interim Basic Imagery Interpretation Report with the concurrence of the Defense Intelligence Agency.

TOP SECRET

TOP SECRET25X1
25X1

IMAGERY ANALYSIS SERVICE

25X1

INTRODUCTION

Hsi-an Aircraft Engine Plant 430 is located in Shensi Province, at 34-22-48N 108-58-20E, approximately six nautical miles north of the city of Hsi-an. The plant is served by road and by a spur of the Cheng-chou/Lan-chou rail line.

BASIC DESCRIPTION

When first observed on overhead photography in March 1959, the Hsi-an Aircraft Engine Plant contained approximately 1.1 million square feet of floor space. Construction since that time has totaled 1.3 million square feet with the majority (800,000 square feet) being completed in the period between March 1959 and June 1963. Construction subsequent to June 1963 was limited to one major facility (a machine shop - Item 1), some minor workshops and storage buildings.

Although the plant appeared complete in June 1967, it occupied only approximately two-thirds of the area within the walled perimeter which suggests that further expansion may be planned. For a detailed chronological development of the plant from 1959 through mid-1967, plus a detailed functional and dimensional analysis of the facilities, see Figure 3 and its accompanying table.

Because of the limited photographic coverage of this plant since 1964 (two large-scale KEYHOLE missions) a reliable estimate of the production activity cannot be determined.

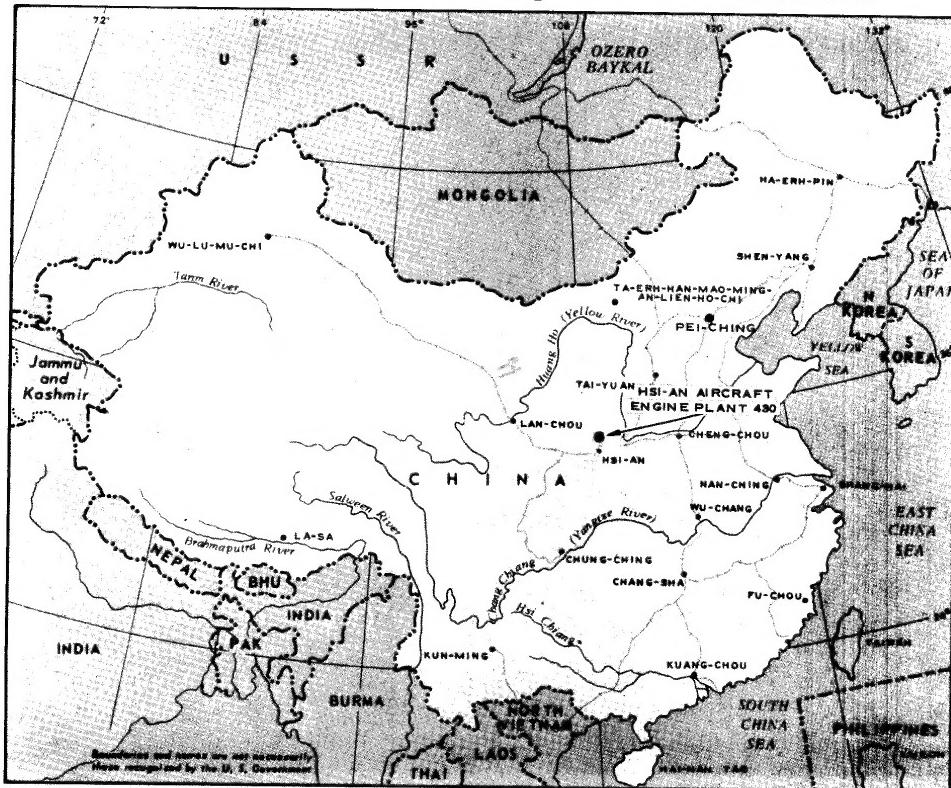


FIGURE 1. LOCATION MAP

25X1

TOP SECRET

25X1

Approved For Release 2008/05/15 : CIA-RDP79T00909A001100010006-8

TOP SECRET

IMAGERY ANALYSIS SERVICE

25X1 25X1

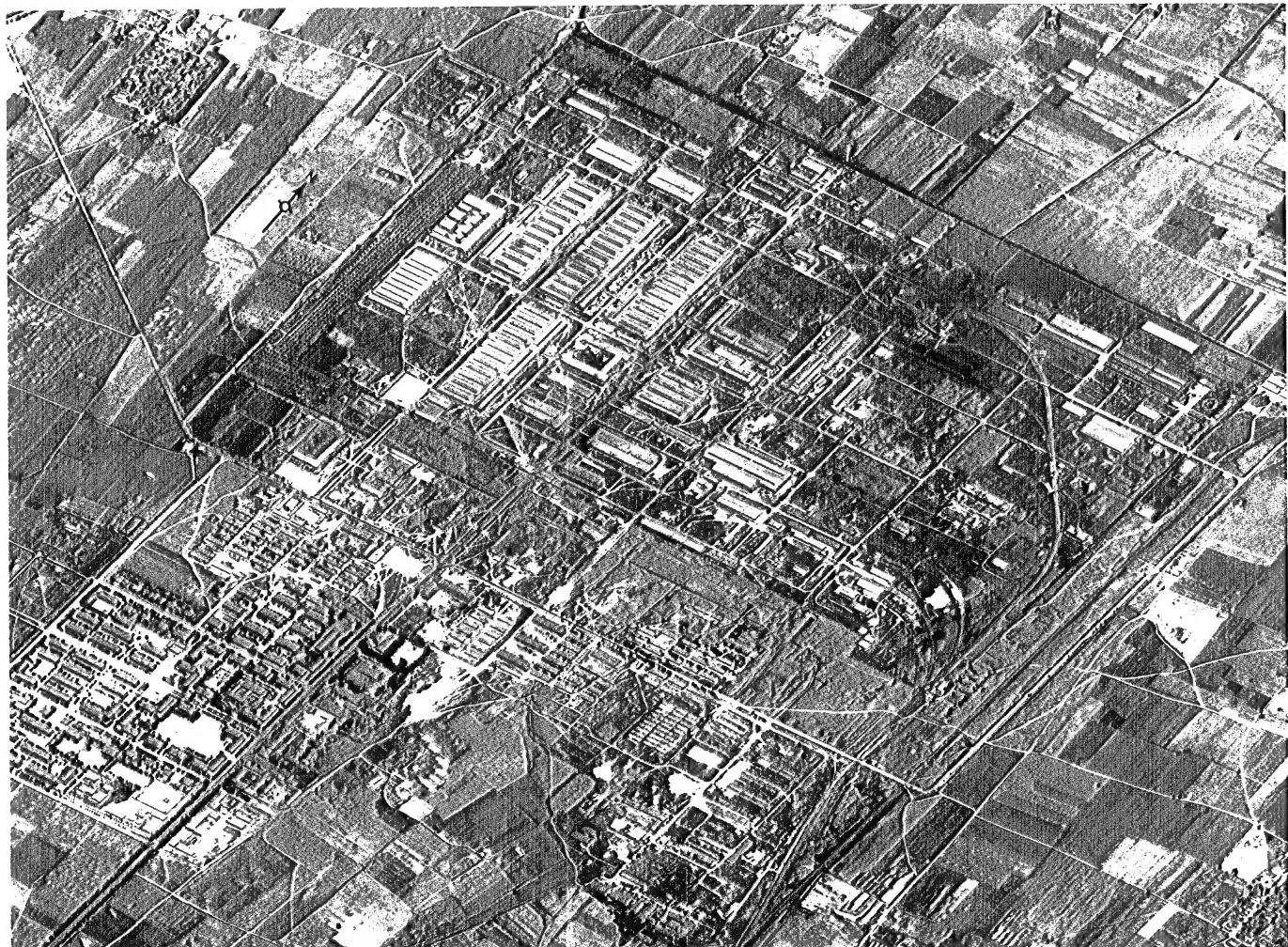
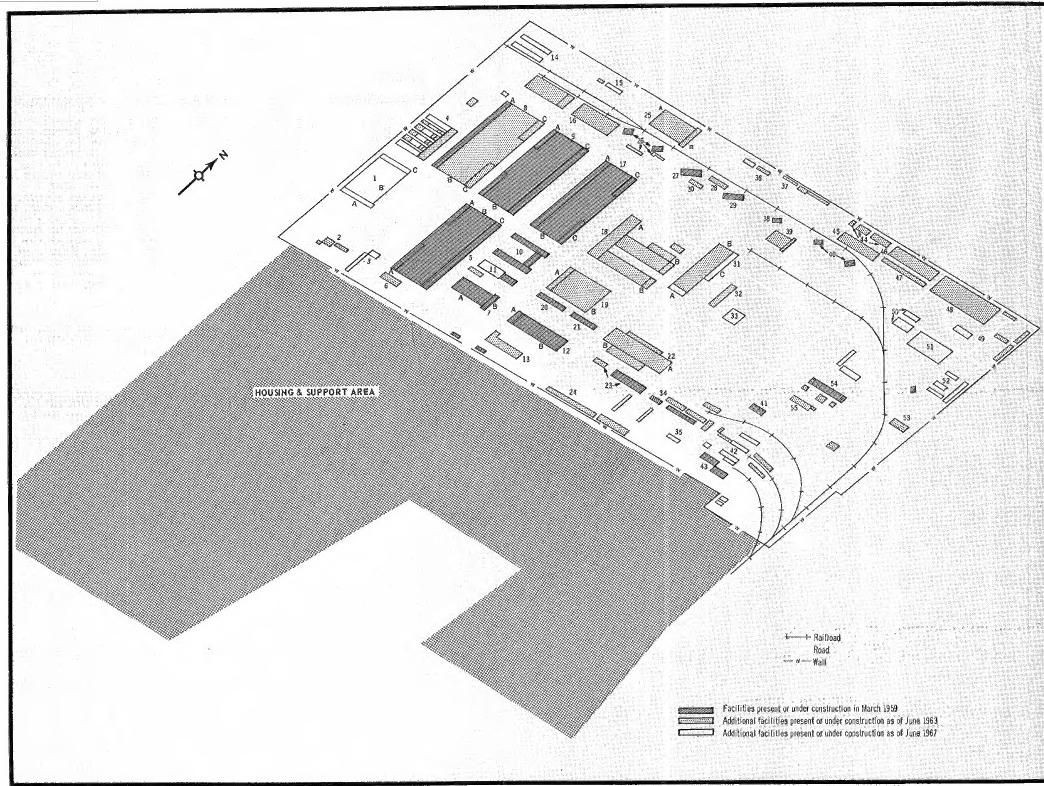


FIGURE 2. HSI-AN AIRCRAFT ENGINE PLANT 430

TOP SECRET

IMAGERY ANALYSIS SERVICE

25X1



ITEM	DESCRIPTION	NOTES
1	MACHINE SHOP	
2	ADMIN/ENGINEERING SECTION	
3	MACHINE SHOP	
4	ADMIN/ENGINEERING SECTION	
5	STORAGE/SUPPORT BUILDINGS (2)	
6	ENGINE TEST FACILITY	
7	MACHINE SHOP/ASSEMBLY BUILDING	
8	ADMIN/ENGINEERING SECTIONS (2)	
9	MACHINE SHOP	
10	ASSEMBLY SECTION	
11	STEAM PLANT BUILDING	
12	WORKSHOP/MACHINE SHOP	
13	WORKSHOP/MACHINE SHOP SECTION	
14	ADMIN/ENGINEERING SECTION	
15	ASSEMBLY SECTION	
16	MACHINE SHOP/ASSEMBLY BUILDING	
17	ADMIN/ENGINEERING SECTION (2)	
18	MACHINE SHOP/ASSEMBLY BUILDING	
19	ADMIN/ENGINEERING SECTION	
20	MACHINE SHOP SECTION	
21	WORKSHOP/SUPPORT BUILDING	
22	WORKSHOP/MACHINE SHOP	
23	WORKSHOP/MACHINE SHOP SECTION	
24	WORKSHOP/MACHINE SHOP SECTION	
25	STORAGE/SUPPORT BUILDINGS (2)	
26	STORAGE/SUPPORT BUILDING	
27	PROBABLE FOUNDRY	
28	PROBABLE FOUNDRY SECTION	
29	PROBABLE FOUNDRY SECTION	
30	PROBABLE FOUNDRY	
31	WORKSHOP/MACHINE SHOP	
32	ADMIN/ENGINEERING SECTION	
33	WORKSHOP	
34	STORAGE/SUPPORT BUILDINGS (2)	
35	STORAGE/SUPPORT BUILDING	
36	STORAGE/SUPPORT BUILDINGS (2)	
37	STORAGE/SUPPORT BUILDINGS (2)	
38	STORAGE/SUPPORT BUILDING	
39	STEAM PLANT	
40	STORAGE/SUPPORT BUILDINGS (2)	
41	STORAGE/SUPPORT BUILDING	
42	STORAGE/SUPPORT BUILDINGS (2)	
43	STORAGE/SUPPORT BUILDINGS (2)	
44	STORAGE/SUPPORT BUILDINGS (2)	
45	WAREHOUSE	
46	WORKSHOP	
47	STORAGE/SUPPORT BUILDINGS (2)	
48	STORAGE/SUPPORT BUILDINGS (2)	
49	STORAGE/SUPPORT BUILDINGS (2)	
50	STORAGE/SUPPORT BUILDINGS (2)	
51	WORKSHOP	
52	STORAGE/SUPPORT BUILDINGS (2)	
53	STORAGE/SUPPORT BUILDING	
54	WORKSHOP	
55	WORKSHOP	

FLOORSPACE OF NUMBERED BUILDINGS
FLOORSPACE OF UNNUMBERED BUILDINGS
TOTAL FLOORSPACE

25X1

FIGURE 3. LINE DRAWING HSI-AN AIRCRAFT ENGINE PLANT 400

TOP SECRET

25X1

25X1

TOP SECRET

IMAGERY ANALYSIS SERVICE

25X1

25X1

REFERENCES

25X1

Maps and Charts

DIA. ACIC U.S. Air Target Chart, 200 Sheet M0384-15HL, 3rd
edition, July 1968 (SECRET)

25X1

25X1

Documents

CIA. PIR 1003/64, The Chinese Communist Aircraft Industry,
1944-1963, April 1964 (SECRET)

25X1

25X1

Requirement

C-RR7-84,536
EXSUBCOM - GR-L/002-69

IAS Project

050219AD

Top Secret

Top Secret